



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: December, 2018			Day : Saturday		Date : 22.12.18							
Probable Maximum Demand :			8200 MW	Probable Maximum Generation :		11932 MW						
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 98.99 ft	Today = 98.92 ft	Rule Curve = 104.00 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.12.18 (Yesterday)		22.12.18 (Today)		21.12.18 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)		
(A) Plants in operation:												
1	a) Ghorasal ST-Unit-1	Gas (PDB)	1 x 55	55	40	38	38	38	38			
	b) Ghorasal ST-Unit-2	Gas (PDB)	1 x 55	55	45	0	0	0	0			
	c) Ghorasal ST-Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170		Gas Shortage
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	0	0	0	0			On Test
	(e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	120	120	120	120			
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	280	380	380			
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	101	12	52	101			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	40	40			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage
6	Horipur GT-Unit-1.2	Gas (PDB)	2 x 32	64	40	0	0	0	0			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	362	305	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	450	350	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	378	347	412	412			
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	39	98	155	100	112		Gas Shortage
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	120	120	150	217	97		Gas Shortage
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
16	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0			
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	7	100	100			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
21	Gaganraj (Oron)	HFO (IPP)	12x8.924	102	102	0	0	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	22	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	43	39	58	58			
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	42	43	43			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	118	149			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	32	47	47			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	54	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	0	300	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	100	130			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300			
33	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100			
35	Southern Power	HFO (IPP)	3x19.3	55	55	0	0	36	36			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	36	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	47	45	47			
Dhaka Zone Total				6034	5798	2108	2007	4260	4484	599	0	
38	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	33	32	33	63	198		Water Level Low
39	a) Chattogram ST-Unit-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage
	b) Chattogram ST-Unit-2	Gas (PDB)	1 x 210	210	180	120	120	120	120			
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25			
41	Teknaf Solarattech 20MW	Solar (IPP)	1x20	20	20	20	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	50	50	50			
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	120	120	140	140			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225		Gas Shortage
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+3x11.5	51	51	0	50	40	50			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	90	90			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	0	100	100	100			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	68	68			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	8	81	81			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			19	38	40	40			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	0	90	100			
Chattogram Zone Total				1761	1681	334	616	919	949	643	0	
53	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage
	b) Ashuganj ST-Unit-4	Gas (APSCL)	1 x 150	150	129	80	150	80	120			
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	80	108	80	110			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	34	39	39	40			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	196	185	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	320	305	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	260	260	265	265			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5			
59	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5			
60	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	7	25	51	51			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	54	100	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	5	85	85	85			
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	8	0	40			
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	96	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	85	180	180			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	25	33	33			
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	0	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	22	22	22			
72	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+1x1.05	200	200	0	0	100	200			
**	Tripara	India		160	160	84	104	91	112			
Cumilla Zone Total				2951	2891	1232	1602	1858	2192	135	0	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	154	156	160	160	46		Gas Shortage
74	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	80	80	81			
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	80	150	200			
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0			
Mymensingh Zone Total				530	522	183.1	336	414	463	46	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.12.18 (Yesterday)		22.12.18 (Today)		21.12.18 (Yesterday)		Status of Machines under shut-down/ Maintenance		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Description/ Remarks	Probable start-up date	
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)			
78	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	57	40	57	57				
79	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	63	63	63	63				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	50	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	21	40	40				
82	Kushiera 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	100	100	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
84	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	66	54	66	66				
85	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	278	269	225	230				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	89	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	100	78	100	130				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0				
90	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	47	49	50	50				
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	9	10	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	23	25	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	0	0	0	0	341	Under Maintenance	26.12.18	
	Bibiana- 3	Gas (PDB)				0	0	0	0		On Test		
Sylhet Zone Total				1594	1549	762	907	997	1032	0	341		
94	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
95	Bheramara 360 MW CAPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	305	200	300	300				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	30	0	40				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	5	65	0	80				
98	Khulna CAPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	0				
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	40	115	115				
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	100	100				
101	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	333	679	518	666				
Khulna Zone Total				2223	2209	643	1159	1178	1492	0	0		
103	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
104	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	48	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	19	25	20	26				
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	0	30	194	194				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	40	97	95	95				
Barishal Zone Total				472	462	59	200	419	455	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0	71	Gas Shortage		
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Gas Shortage		
109	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	50				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	42				
111	Amnura	HFO (QRPP)	7x7.79	50	50	0	50	50	50				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	9	29	90	102				
113	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	35				
114	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	39	0	40				
116	Sirajganj CAPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	0	0	0	0	210	Gas Shortage		
117	Sirajganj CAPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	175	174	220	220				
118	Sirajganj CAPP-3 GT	Gas (NWPGLCL)	1x141	141	141	0	0	0	0	141	Gas Shortage		
119	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0	282	Gas Shortage		
120	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22				
121	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	5	5				
122	Lillaipara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
123	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	0	52	52	52				
Rajshahi Zone Total				1556	1546	212	382	500	679	804	0		
124	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	30.12.18
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Coal Shortage		
125	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	150	149	150	150	125	Coal Shortage		
126	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	18				
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18				
Rangpur Zone Total				564	484	150	166	150	186	210	85		
Sub-total: Plants in operation				17685	17142	5683	7375	10695	11932	2437	426		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5568	7226	10479	11691				
Gross Total				17685	17142	5683	7375	10695	11932	2437	426		

(B) Actual data of 21.12.18 (Yesterday) Friday :											
01.	Max. Demand (Generation end)	: 7375.00 MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 7226.00 MW, at = 19:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	: 7375.00 MW, at = 19:00 hrs		Dhaka	2670	2670	0	Mymensingh	538	538	0
04.	Minimum Generation (Generation end)	: 4814.00 MW, at = 5:00 hrs		Chattogram	753	753	0	Sylhet	290	290	0
05.	Day-peak Generation (Generation end)	: 5683.10 MW, at = 12:00 hrs		Khulna	897	897	0	Barishal	185	185	0
06.	Evening-peak Generation (Generation end)	: 7375.00 MW, at = 19:00 hrs		Rajshahi	753	753	0	Rangpur	509	509	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:00 hrs		Cumilla	631	631	0	Total	7226	7226	0
08.	Generation shortfall at evening peak due to :			12.	Fuel cost : (a) Gas = 84429161 Taka (c) Coal = 14009098 Taka						
	a) Gas limitation	: 2029 MW			(b) Oil = 49599413 Taka		Total = 148037672 Taka				
	b) Low water level in Kaptai lake	: 198 MW									
	c) Plants under shut down/ maintenance	: 426 MW									
09.	Total Energy (Generation + India Import)	: 137.36 MKWh	13.	Maximum Temperature in Dhaka was : 25.0° C							
	By Gas = 114.113 MKWh	By Oil = 6.827 MKWh	14.	Export through East-West interconnections :							
	By Coal = 3.629 MKWh	By Hydro = 0.716 MKWh		At evening peak-hour : -670 MW, at 19:00 hrs							
	By Solar = 0.139 MKWh			Maximum : -690 MW, at 19:30 hrs							
10.	Total Gas Supplied	: 1016.91 MMCFD		Energy : 7.5365 MKWh							
(C) Forecast of 22.12.18 (Today) Saturday :											
01.	Maximum Demand	: 8200 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	: 11932 MW (Generation end)	05.	Total Generation : 152.72 MKWh							
03.	Maximum Shortage	: -3732 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 24.1° C							

* Captive Power ** Imported Power
#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZZAMAN)
Deputy Secretary, Generation